

WHAT IS CLAIMED IS:

1. A fabric care composition comprising:
- (A) an effective amount of fabric care polysaccharide with globular structure for providing a fabric with at least one of the following fabric care benefits: wrinkle removal, wrinkle reduction, wrinkle resistance, fabric wear reduction, fabric wear resistance, fabric pilling reduction, fabric color maintenance, fabric color fading reduction, fabric color restoration, fabric soiling reduction, fabric soil release, fabric shape retention, and/or fabric shrinkage reduction;
 - (B) optionally, from about 0.01% to about 20%, by weight of the composition, of adjunct fabric care oligosaccharide, selected from the group consisting of oligosaccharides, oligosaccharide mixtures, substituted versions of said oligosaccharides and/or mixtures, derivatised versions of said oligosaccharides and/or mixtures, and mixtures thereof;
 - (C) optionally, to remove and/or reduce wrinkles, an effective amount of adjunct wrinkle control agent, selected from the group consisting of fiber lubricant, adjunct fabric shape retention polymer, lithium salts, and mixtures thereof;
 - (D) optionally, to reduce surface tension, and/or to improve performance and formulatability, an effective amount of surfactant;
 - (E) optionally, an effective amount to absorb malodor, of odor control agent;
 - (F) optionally, an effective amount to provide olfactory effects of perfume;
 - (G) optionally, an effective amount, to kill, or reduce the growth of microbes, of antimicrobial active;
 - (H) optionally, an effective amount to provide improved antimicrobial action of aminocarboxylate chelator;
 - (I) optionally, an effective amount of antimicrobial preservative, in addition to, or in place of said antimicrobial active; and
 - (J) optionally, an aqueous carrier,
- said composition optionally being essentially free of any material that would soil or stain fabric under usage conditions.

2. The composition of Claim 1 containing from about 0.001% to about 20%, preferably from about 0.01% to about 10%, more preferably from about 0.1% to about

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sub BC 5%, even more preferably from about 0.1% to about 2%, by weight of said fabric care composition, of said fabric care polysaccharide.

3. A concentrated composition according to Claim 1 containing from about 1% to about 99%, preferably from about 1% to about 40%, more preferably from about 1% to about 25%, and even more preferably from about 2% to about 15%, by weight of the composition, of said fabric care polysaccharide.

4. The composition of Claim 1 wherein said fabric care polysaccharide is selected from the group consisting of: polysaccharides; polysaccharide mixtures; branched versions of said polysaccharides and/or mixtures, derivatised versions of said polysaccharides and/or mixtures, substituted versions of said polysaccharides and/or mixtures, and mixtures thereof.

5. The composition of Claim 1 wherein said fabric care polysaccharide has a molecular weight of from about 5,000 to about 500,000, preferably from about 8,000 to about 250,000, more preferably from about 10,000 to about 150,000.

sub BC 6. The composition of Claim 1 wherein said fabric care polysaccharide has a size of from about 2 nm to about 300 nm, preferably from about 3 nm to about 100 nm, more preferably from about 4 nm to about 30 nm.

7. The composition of Claim 1 wherein said fabric care polysaccharide has a backbone comprising at least some 1,3- β -glycosidic linkages.

sub BC 8. The composition of Claim 7 wherein said fabric care polysaccharide is selected from the group consisting of arabinogalactan, pachyman, curdlan, callose, paramylon, scleroglucan, lentinan, lichenan, laminarin, szhizophyllan, grifolan, sclerotinia sclerotiorum glucan, ompharia lapidescence glucan, and mixtures thereof.

sub BC 9. The composition of Claim 8 wherein said fabric care polysaccharide is arabinogalactan.

sub BC 10. The composition of Claim 9 wherein said arabinogalactan has a molecular weight of from about 6,000 to about 500,000, preferably from about 16,000 to about 22,000.

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11. The composition of Claim 10 wherein said arabinogalactan is selected from the group consisting of: arabinogalactan having a molecular weight of from about 14,000 to about 22,000; arabinogalactan having a molecular weight of from about 60,000 to about 120,000; and mixtures thereof.

12. The composition of Claim 1 wherein said fabric care composition additionally comprises adjunct fabric care oligosaccharide selected from the group consisting of oligosaccharides, oligosaccharide mixtures, substituted versions of said oligosaccharides and/or mixtures, derivatised versions of said oligosaccharides and/or mixtures, and mixtures thereof.

13. The composition of Claim 12 wherein the weight ratio between said adjunct fabric care oligosaccharides and the fabric care polysaccharides is from about 1:99 to about 99:1.

14. The composition of Claim 12 containing from about 0.001% to about 20%, preferably from about 0.01% to about 10%, more preferably from about 0.1% to about 5%, even more preferably from about 0.1% to about 1%, by weight of said fabric care composition, of said adjunct fabric care oligosaccharide.

15. The composition of Claim 11 wherein said adjunct fabric care oligosaccharide comprises oligosaccharides with a degree of polymerization of from about 1 to about 15, and wherein each monomer is selected from the group consisting of saccharide containing 5 or 6 carbon atoms.

16. The composition of Claim 15 wherein said adjunct fabric care oligosaccharide comprises isomaltooligosaccharides with a degree of polymerization of from about 2 to about 10, wherein the glucose units are linked by α -and/or β -linkages.

17. The composition of Claim 16 wherein said isomaltooligosaccharides contain from about 3 to about 7 glucose units which are linked by 1,2- α ; 1,3- α ; 1,4- α -; and 1,6- α -linkages, and mixtures of these linkages.

18. The composition of Claim 15 wherein said adjunct fabric care oligosaccharide is selected from the group consisting of isomaltose, isomaltotriose, isomaltotetraose, isomaltooligosaccharide, fructooligosaccharide, levooligosaccharides,

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galactooligosaccharide, xylooligosaccharide, gentiooligosaccharides, disaccharides, glucose, fructose, galactose, xylose, mannose, arabinose, rhamnose, maltose, sucrose, lactose, maltulose, ribose, lyxose, allose, altrose, gulose, idose, talose, trehalose, nigerose, kojibiose, lactulose, oligosaccharides, maltooligosaccharides, trisaccharides, tetrasaccharides, pentasaccharides, hexasaccharides, oligosaccharides from partial hydrolysates of natural polysaccharide sources, and mixtures thereof.

19. The composition of Claim 1 wherein said fabric care composition additionally comprises a fiber lubricant.

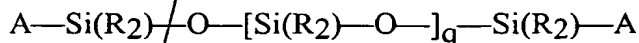
20. The composition of Claim 19 wherein said fiber lubricant is silicone.

21. The composition of Claim 20 wherein said silicone is volatile and is present at a level of from about 0.1% to about 5%, by weight of the composition.

22. The composition of Claim 21 wherein said volatile silicone has the formula $[(CH_3)_2SiO]_5$.

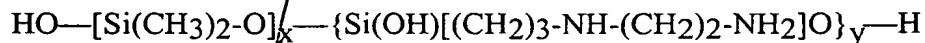
23. The composition of Claim 20 wherein said silicone is present at a level of from about 0.1% to about 5% by weight of the composition, and is selected from the group consisting of:

a. polyalkyl silicone with the following structure:



wherein each R is an alkyl, a hydroxy, or a hydroxyalkyl group, and mixtures thereof, having less than about 8 carbon atoms; q is an integer from about 7 to about 8,000; each A is a group selected from hydrogen, methyl, methoxy, ethoxy, hydroxy, and propoxy;

b. silicone having the formula:



wherein x and y are integers;

c. silicone material having the formula:



wherein G is selected from the group consisting of hydrogen, OH, and/or C_1-C_5 alkyl; a denotes 0 or an integer from 1 to 3; b denotes 0 or 1; the sum of $n + m$ is a number from

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1 to about 2,000; R^1 is a monovalent radical of formula $C_pH_{2p}L$ in which p is an integer from 2 to 4 and L is selected from the group consisting of:

$-N(R^2)CH_2-CH_2-N(R^2)_2$;

$-N(R^2)_2$;

$-N^+(R^2)_3 A^-$; and

$-N^+(R^2)CH_2-CH_2N^+H_2 A^-$

wherein each R^2 is chosen from the group consisting of hydrogen, a C_1 - C_5 saturated hydrocarbon radical, and each A^- denotes compatible anion;

d. silicones having the formula:

$$R^3-N^+(CH_3)_2-Z-[Si(CH_3)_2O]_f-Si(CH_3)_2-Z-N^+(CH_3)_2-R^3 \cdot 2CH_3COO^-$$

wherein

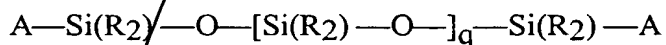
$Z = -CH_2-CH(OH)-CH_2O-(CH_2)_3-$

R^3 denotes a long chain alkyl group; and

f denotes an integer of at least about 2; and

e. mixtures thereof.

24. The composition of Claim 23 wherein said silicone is polydialkyl silicone



with A and R groups being methyl.

25. The composition of Claim 1 wherein said fabric care composition additionally comprises from about 0.05% to about 10% by weight of the composition, of shape retention polymer which is a homopolymer and/or a copolymer.

26. The composition of Claim 25 wherein said shape retention polymer is homopolymer and/or copolymer having a glass transition temperature of from about -20°C to about 150°C and comprising monomers selected from the group consisting low molecular weight C_1 - C_6 unsaturated organic mono-carboxylic and/or polycarboxylic acids; esters of said acids with C_1 - C_{12} alcohols; amides and imides of said acids; low molecular weight unsaturated alcohols; esters of low molecular weight unsaturated alcohols with low molecular weight carboxylic acids; ethers of low molecular weight unsaturated alcohols; polar vinyl heterocyclics; unsaturated amines and amides; salts of said amines with low molecular weight carboxylic acids; C_1 - C_4 alkyl quaternized derivatives of said amines; vinyl sulfonate; low molecular weight unsaturated hydrocarbons and derivatives; and mixtures thereof.

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27. The composition of Claim 26 wherein said shape retention polymer monomers are selected from the group consisting of: acrylic acid, methacrylic acid, crotonic acid, maleic acid and its half esters, itaconic acid, and esters of said acids with methanol, ethanol, 1-propanol, 2-propanol, 1-butanol, 2-methyl-1-propanol, 1-pentanol, 2-pentanol, 3-pentanol, 2-methyl-1-butanol, 1-methyl-1-butanol, 3-methyl-1-butanol, 1-methyl-1-pentanol, 2-methyl-1-pentanol, 3-methyl-1-pentanol, t-butanol, cyclohexanol, 2-ethyl-1-butanol, neodecanol, 3-heptanol, benzyl alcohol, 2-octanol, 6-methyl-1-heptanol, 2-ethyl-1-hexanol, 3,5-dimethyl-1-hexanol, 3,5,5-trimethyl-1-hexanol, 1-decanol, 1-dodecanol, and mixtures thereof; methyl acrylate; ethyl acrylate; t-butyl acrylate; methyl methacrylate; hydroxyethyl methacrylate; methoxy ethyl methacrylate; N,N-dimethylacrylamide; N-t-butyl acrylamide; maleimides; vinyl alcohol; allyl alcohol; vinyl acetate; vinyl propionate; methyl vinyl ether; vinyl pyrrolidone; vinyl caprolactam; vinyl pyridine; vinyl imidazole; vinyl amine; diethylene triamine; dimethylaminoethyl methacrylate; ethenyl formamide; vinyl sulfonate; ethylene; propylene; butadiene; cyclohexadiene; vinyl chloride; vinylidene chloride; salts thereof and alkyl quaternized derivatives thereof; and mixtures thereof

28. The composition of Claim 27 wherein said shape retention polymer monomers are selected from the group consisting of: acrylic acid; methacrylic acid; methyl acrylate; ethyl acrylate; methyl methacrylate; t-butyl acrylate; t-butyl methacrylate; n-butyl acrylate; n-butyl methacrylate; isobutyl methacrylate; 2-ethylhexyl methacrylate; vinyl alcohol; dimethylaminoethyl methacrylate; N,N-dimethyl acrylamide; N,N-dimethyl methacrylamide; N-t-butyl acrylamide; vinylpyrrolidone; vinyl pyridine; adipic acid; diethylenetriamine; salts thereof and alkyl quaternized derivatives thereof; and mixtures thereof.

29. The composition of Claim 25 wherein said shape retention polymer is a copolymer which contains both hydrophilic monomer and hydrophobic monomer.

30. The composition of Claim 29 wherein said shape retention copolymer has a hydrophobic monomer/hydrophilic monomer ratio of from about 95:5 to about 20:80, by weight of the copolymer.

31. The composition of Claim 25 wherein said shape retention polymer comprises silicone-containing graft and block copolymers having the following properties:

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- (1) the silicone portion is covalently attached to the non-silicone portion;
- (2) the molecular weight of the silicone portion is from about 1,000 to about 50,000; and

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the non-silicone portion must render the entire copolymer soluble or dispersible in the fabric care composition vehicle and permit the copolymer to deposit on/adhere to the treated fabrics.

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32. The composition of Claim 31 wherein said shape retention polymer has an average molecular weight of from about 10,000 to about 1,000,000, preferably from about 30,000 to about 300,000, and comprises from about 5% to about 50%, preferably from about 10% to about 25% of silicone-containing monomers.

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33. The composition of Claim 1 wherein said fabric care composition additionally comprises from about 0.1% to about 10% by weight of the usage composition, of lithium salt, or hydrate thereof, selected from the group consisting of: lithium bromide, lithium lactate, lithium chloride, lithium tartrate, lithium bitartrate, and mixtures thereof.

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34. The composition of Claim 1 wherein said fabric care composition additionally comprises of from about 0.01% to about 5%, preferably from about 0.1% to about 4%, more preferably from 0.5% to about 2%, by weight of the usage composition, of an odor control agent including cyclodextrin selected from the group consisting of cyclodextrin, zinc salt, copper salt, water soluble carbonate salt, water soluble bicarbonate salt, water soluble anionic polymer, and mixtures thereof.

35. The composition of Claims 1-18 additionally containing at least one of the following adjunct materials: perfume, fiber lubricant, shape retention polymer, lithium salt, odor control agent including cyclodextrin, surfactant, antimicrobial active and/or antibacterial preservative, chelating agent including aminocarboxylate chelating agent, enzyme, antioxidant, static control agent, fabric softening active, suds suppressor, dye transfer inhibiting agent, dye fixing agent, soil release agent, brightener, dispersant, insect repelling agent, moth repelling agent, and/or liquid carrier.

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36. A fabric care composition according to Claim 1 which is a rinse-added composition containing from about 0.1% to about 50%, preferably from about 1% to about 35%, more preferably from about 2% to about 18%, and even more preferably

from about 3% to about 10%, by weight of the composition, of said fabric care polysaccharide, and optionally containing fabric softener active at a level of from about 1% to about 75%, preferably from about 2% to about 65%, more preferably from about 3% to about 45%, and even more preferably from about 4% to about 35%, by weight of the composition.

37. The composition of Claim 25 wherein said fabric softening active has an Iodine Value of at least about 40, and has a phase transition temperature of less than about 50°C, preferably less than about 35°C, more preferably less than about 20°C, said composition additionally comprising:

- (A) optionally, less than about 40%, preferably from about 1% to about 25%, more preferably from about 3% to about 8%, by weight of the composition, of principal solvent having a ClogP of from about -2.0 to about 2.6, preferably from about -1.7 to about 1.6, more preferably from about -1.0 to about 1.0;
- (B) optionally, from about 0.1 % to about 10%, preferably from about 0.5% to about 2.5%, by weight of the composition, of electrolyte;
- (C) optionally, from 0.1% to about 15%, preferably from about 0.5% to about 7%, more preferably from about 1% to about 6%, by weight of the composition of phase stabilizer, preferably being a surfactant containing alkoxylation and having an HLB of from about 8 to about 20, preferably from about 10 to about 18; and
- (D) the balance water, minor ingredients and/or water soluble solvents.

38. The fabric care composition of Claims 36-37 additionally containing at least an effective amount of at least one of the following adjunct materials: adjunct fabric care oligosaccharide, perfume, dye transfer inhibiting agent, dye fixative agent, chlorine scavenging agent, soil release agent, chemical stabilizer including antioxidant, silicone, antimicrobial active and/or preservative, metal chelating agent including aminocarboxylate chelating agent, colorant, enzyme, brightener, liquid carrier, or mixtures thereof.

39. A fabric care composition according to Claim 1 which is a laundry detergent composition containing from about 0.2% to about 30% by weight of the composition, of said fabric care polysaccharide and from about 0.1% to about 60% by weight of the composition, of surfactant, and additionally containing at least one of the following adjunct materials: adjunct fabric care oligosaccharide, perfume, builder, bleaching agent,

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dye transfer inhibiting agent, dye fixing agent, odor control agent including cyclodextrin, brightener, dispersant, heavy metal chelating agent, enzyme, suds suppressor, fabric softening agent, soil release agent, and/or liquid carrier.

40. The composition of Claim 39 wherein said composition is in the form selected from the group consisting of liquid, powder, granules, tablets, paste, gel, foam, spray, bar, stick, and optionally contained in a pouch or attached to a releasable substrate.

41. A fabric care composition according to Claim 1 which is an aqueous composition to apply to fabric in the drying step, containing said fabric care polysaccharide at a level of from about 0.01% to about 25%, preferably from about 0.1% to about 10%, more preferably from about 0.2% to about 5%, even more preferably from about 0.3% to about 3%, by weight of the compositions, and optionally containing fabric softener active at a level of from about 0.05% to about 10%, preferably from about 0.1% to about 7%, more preferably from about 0.5% to about 5%, by weight of the composition.

42. A fabric care composition according to Claim 1 which is a dryer-added fabric softening composition containing said fabric care polysaccharide at a level of from about 0.01% to about 40%, preferably from about 0.1% to about 20%, more preferably from about 1% to about 10%, by weight of the composition, and fabric softener active at a level of from about 1% to about 99%, preferably from about 10% to about 80%, more preferably from about 20% to about 70%, and even more preferably from about 25% to about 60%, by weight of the composition.

43. The fabric care composition of Claims 41-42 additionally containing at least an effective amount of at least one of the following adjunct materials: adjunct fabric care oligosaccharide, perfume, chlorine scavenging agent, dye transfer inhibiting agent, dye fixative agent, chemical stabilizer including antioxidant, silicone, antimicrobial active and/or preservative, metal chelating agent including aminocarboxylate chelating agent, brightener, enzyme, soil release agent, liquid carrier, or mixtures thereof.

44. An article of manufacture comprising a fabric care composition comprising fabric care polysaccharide with globular structure for providing a fabric with at least one of the following fabric care benefits: wrinkle removal, wrinkle reduction, wrinkle resistance, fabric wear reduction, fabric wear resistance, fabric pilling reduction, fabric color maintenance, fabric color fading reduction, fabric color restoration, fabric soiling

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reduction, fabric soil release, fabric shape retention, and/or fabric shrinkage reduction in a package in association with instructions for use which direct the consumer to apply at least an effective amount of said polysaccharide to provide at least one of said fabric care benefits.

45. An article of manufacture comprising the fabric care composition of Claim 1 in a package in association with instructions for use which direct the consumer to apply at least an effective amount of said polysaccharide and/or said fabric care composition, to provide at least one of the following fabric care benefits: wrinkle removal, wrinkle reduction, wrinkle resistance, fabric wear reduction, fabric wear resistance, fabric pilling reduction, fabric color maintenance, fabric color fading reduction, fabric color restoration, fabric soiling reduction, fabric soil release, fabric shape retention and/or fabric shrinkage reduction.

46. An article of manufacture comprising the composition of Claim 1 in a spray dispenser.

47. The article of manufacture of Claim 46 wherein said composition is an aqueous composition containing from about 0.1% to about 5%, preferably from about 0.1% to about 2%, by weight of said fabric care composition, of said fabric care polysaccharide.

48. The article of manufacture of Claims 46-47 wherein said spray dispenser comprises a trigger spray device.

49. The article of manufacture of Claims 46-48 wherein said spray dispenser comprises a non-manually operated spray dispenser.

50. The article of manufacture of Claim 49 wherein said non-manually operated spray dispenser is selected from the group consisting of: powered sprayer; air aspirated sprayer; liquid aspirated sprayer; electrostatic sprayer; and nebulizer sprayer.

51. The article of manufacture of Claims 44-50 wherein said composition additionally contains at least one of the following adjunct materials: perfume, adjunct fabric care oligosaccharide, fiber lubricant, shape retention polymer, lithium salt, odor control agent including cyclodextrin, surfactant, antimicrobial active and/or antibacterial preservative, metal chelating agent including aminocarboxylate chelating agent, enzyme,

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antioxidant, static control agent, fabric softening active, dye transfer inhibiting agent, dye fixative agent, soil release agent, suds suppressor, brightener, insect repelling agent, moth repelling agent, and/or liquid carrier.

52. The article of manufacture of Claims 46-51 in association with instructions for use to direct the consumer to apply at least an effective amount of said composition and/or said fabric care polysaccharide to said fabric, to provide said fabric with at least one of the following fabric care benefits: wrinkle removal, wrinkle reduction, wrinkle resistance, fabric wear reduction, fabric wear resistance, fabric pilling reduction, fabric color maintenance, fabric color fading reduction, fabric color restoration, fabric soiling reduction, fabric soil release, fabric shape retention, and/or fabric shrinkage reduction.

53. The article of manufacture of Claim 52 wherein said instructions for use direct the consumer to apply an amount of composition to provide from about 0.005% to about 4%, preferably from about 0.01% to about 2%, more preferably from about 0.05% to about 1% of fabric care polysaccharide, by weight of the fabric.

54. The article of manufacture of Claims 52-53 wherein said instructions for use direct the consumer to apply the composition to the fabric in combination with stretching and/or smoothing of fabric, to provide effective wrinkle removal.

55. An article of manufacture comprising the concentrated composition of Claim 3 in association with instructions for use which direct the consumer to dilute said composition to form the fabric care composition of Claim 2.

56. An article of manufacture comprising the composition of Claim 1 to be applied directly to said fabric in a manner such that excessive amounts of the fabric/garment care composition are prevented from being released to the open environment, packaged in association with instructions for use which direct the consumer to apply at least an effective amount of said fabric care polysaccharide with globular structure to said fabric in said manner to provide said fabric care benefits.

57. The article of Claim 56 wherein said composition contains from about 0.01% to about 2% of fabric care polysaccharide with globular structure, by weight of the composition.

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60. An article of manufacture comprising the composition of Claims 1 and 39-40 which is a laundry detergent composition, packaged in association with instructions for use which direct the consumer to apply at least an effective amount of said composition to said fabric to provide the fabric care benefits.

61. An article of manufacture comprising the composition of Claims 1 and 36-38 which is a rinse additive composition, packaged in association with instructions for use which direct the consumer to apply at least an effective amount of said composition to said fabric to provide said fabric care benefits.

62. An article of manufacture comprising the composition of Claims 1 and 41-43 to apply to fabric in the drying step, packaged in association with instructions for use which direct the consumer to apply at least an effective amount of said composition to said fabric to provide said fabric care benefits.

63. The article of Claims 44, 45, and 52-62 wherein said instructions for use include pictures and/or icons.

64. ~~Fabric having improved characteristics having an effective amount of fabric care polysaccharide with globular structure attached thereto.~~

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66. The fabric of Claims 64-65 wherein said fabric is made of fibers selected from the group consisting of natural fibers, synthetic fibers, and mixtures thereof.

67. The fabric of Claim 66 wherein said fabric is made of fibers selected from the group consisting of: cellulosic fibers, proteinaceous fibers; synthetic fibers; long vegetable fibers; and mixtures thereof.

68. The fabric of Claim 67 wherein said fabric is selected from the group consisting of cotton, rayon, linen, Tencel, silk, wool and related mammalian fibers, polyester, acrylic, nylon, jute, flax, ramie, coir, kapok, sisal, henequen, abaca, hemp, sunn., and mixtures thereof.

69. The fabric of Claim 68 wherein said fabric is selected from the group consisting of cotton, rayon, linen, polyester/cotton blends, silk, wool, polyester, acrylic, nylon, and mixtures thereof.

70. A method for providing a fabric with a fabric care benefit selected from the group consisting of: wrinkle removal, wrinkle reduction, wrinkle resistance, fabric wear reduction, fabric wear resistance, fabric pilling reduction, fabric color maintenance, fabric color fading reduction, fabric color restoration, fabric soiling reduction, fabric soil release, fabric shape retention, fabric shrinkage reduction, and mixtures thereof, wherein said method comprises contacting said fabric with an effective amount of fabric care polysaccharide with globular structure.

71. A method for providing a fabric with a fabric care benefit selected from the group consisting of: wrinkle removal, wrinkle reduction, wrinkle resistance, fabric wear reduction, fabric wear resistance, fabric pilling reduction, fabric color maintenance, fabric color fading reduction, fabric color restoration, fabric soiling reduction, fabric soil release, fabric shape retention, fabric shrinkage reduction, and mixtures thereof, wherein said method comprises contacting said fabric with an effective amount of fabric care polysaccharide with globular structure wherein said fabric care polysaccharide is provided by using the fabric care composition of Claim 1

72. The method of Claim 71 wherein said fabric care composition additionally comprises at least one of the following adjunct fabric care materials: perfume, adjunct fabric care oligosaccharide, fiber lubricant, shape retention polymer, lithium salt, odor

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control agent including cyclodextrin including cyclodextrin, surfactant, antimicrobial active and/or antibacterial preservative, chelating agent including aminocarboxylate chelating agent, enzyme, antioxidant, static control agent, fabric softening active, dye transfer inhibiting agent, dye fixing agent, soil release agent, brightener, suds suppressor, builder, bleaching agent, dispersant, insect repelling agent, moth repelling agent, and/or liquid carrier.

73. The method of Claim 71 wherein said fabric care composition is an aqueous composition containing from about 0.1% to about 5%, preferably from about 0.005% to about 4%, more preferably from about 0.01% to about 2%, and even more preferably from about 0.1% to about 1%, by weight of said fabric care composition, of said fabric care polysaccharide.

74. The method according to Claims 70-73 wherein said aqueous composition is sprayed onto said fabric as droplets by using a spray dispenser.

75. The method of Claim 74 wherein said aqueous composition is sprayed onto said fabric as droplets by using a spray dispenser, in combination with stretching and/or smoothing of said fabric.

76. The method of Claim 74 wherein said spray dispenser comprises a trigger spray device.

77. The method of Claim 74 wherein said spray dispenser comprises a non-manually operated sprayer selected from the group consisting of: power sprayer; air aspirated sprayer; liquid aspirated sprayer; electrostatic sprayer; and nebulizer sprayer.

78. The method of Claim 74-77 wherein said droplets have a weight average diameter of from about 5 μ m to about 250 μ m, preferably from about 10 μ m to about 120 μ m, more preferably from about 20 μ m to about 100 μ m.

79. The method according to Claim 73 wherein said fabric is dipped and/or soaked in said fabric care composition, followed by a squeezing step and/or a drying step.

80. The method according to Claims 71-72 wherein said fabric care composition comprises an aqueous composition containing from about 0.5% to about 40%, by weight

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of said fabric care composition, of said fabric care polysaccharide, and wherein said fabric is dipped and/or soaked in said fabric care composition, followed by a laundering step.

odor control agent including cyclodextrin⁸¹. The method according to Claim 73 wherein said fabric care composition contains from about 0.2% to about 30% by weight of the composition, of said fabric care polysaccharide and from about 0.1% to about 60% by weight of the composition, of surfactant, and additionally contains at least one of the following adjunct materials: adjunct fabric care oligosaccharide, perfume, builder, bleaching agent, dye transfer inhibiting agent, dye fixing agent, odor control agent including cyclodextrin, brightener, dispersant, heavy metal chelating agent, enzyme, suds suppressor, fabric softening active, soil release agent, and/or liquid carrier.

82. The method according to Claim 71 wherein said fabric care composition is a rinse-added composition containing from about 0.1% to about 50%, preferably from about 1% to about 35%, more preferably from about 2% to about 18%, by weight of the composition, of said fabric care polysaccharide, and optionally containing fabric softener active at a level of from about 1% to about 75%, preferably from about 2% to about 65%, more preferably from about 3% to about 45%, and even more preferably from about 4% to about 35%, by weight of the composition.

83. The method of claim 82 wherein said fabric care composition additionally contains at least one of the following adjunct materials: adjunct fabric care oligosaccharide, perfume, odor control agent including cyclodextrin, dye transfer inhibiting agent, dye fixative agent, chlorine scavenging agent, soil release agent, chemical stabilizer including antioxidant, silicone, antimicrobial active and/or preservative, metal chelating agent including aminocarboxylate chelating agent, colorant, enzyme, brightener, bluing agent, liquid carrier, or mixtures thereof.

84. The method according to Claim 71 wherein said fabric care composition is an aqueous composition to apply to fabric in the drying step, containing said fabric care polysaccharide at a level of from about 0.01% to about 25%, preferably from about 0.1% to about 10%, more preferably from about 0.2% to about 5%, even more preferably from about 0.3% to about 3%, by weight of the compositions, and optionally containing fabric softener active at a level of from about 0.05% to about 10%, preferably from about 0.1%

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to about 7%, more preferably from about 0.5% to about 5%, by weight of the composition

85. The method according to Claim 84 wherein said composition is applied from a spray device.

86. The method according to Claim 71 wherein said fabric care composition is a dryer-added fabric softening composition containing said fabric care polysaccharide at a level of from about 0.01% to about 40%, preferably from about 0.1% to about 20%, more preferably from about 1% to about 10%, by weight of the composition, and fabric softener active at a level of from about 1% to about 99%, preferably from about 10% to about 80%, more preferably from about 20% to about 70%, and even more preferably from about 25% to about 60%, by weight of the composition.

87. The method according to Claim 86 wherein said composition is released from a flexible substrate.

88. The method of Claims 84-87 wherein said composition additionally contains at least one of the following adjunct materials: adjunct fabric care oligosaccharide, static control agent, distributing agent, perfume, fiber lubricant, adjunct shape retention polymer, lithium salt, odor control agent including cyclodextrin, dye transfer inhibiting agent, dye fixative agent, chlorine scavenging agent, soil release agent, brightener, heavy metal chelating agent, enzyme, antimicrobial active, antibacterial preservative, aminocarboxylate chelating agent, antioxidant, and/or liquid carrier.

89. A method for removing fabric wrinkles by treating said fabric with an effective amount of the composition of Claim 1.

90. A method for reducing fabric shrinkage by treating said fabric with an effective amount of the composition of Claim 1.

91. A method for reducing fabric wear by treating said fabric with an effective amount of the composition of Claim 1.

(Pub C) 92. A method for reducing the scratchy feel of wool fabric articles by treating said article with an effective amount of the composition of Claim 1.

(Pub C) 93. A method for providing fabric color care benefits selected from the group consisting of fabric color maintenance, fabric color fading reduction, fabric color restoration, and mixtures thereof, by treating said color fabric with an effective amount of the composition of Claim 1.

(Pub C) 94. Use of fabric care polysaccharide in a fabric care composition to provide a fabric with at least one of the following fabric care benefits: wrinkle removal, wrinkle reduction, wrinkle resistance, fabric wear reduction, fabric wear resistance, fabric pilling reduction, fabric color maintenance, fabric color fading reduction, fabric color restoration, fabric soiling reduction, fabric soil release, fabric shape retention, and/or fabric shrinkage reduction, said fabric care polysaccharide comprising polysaccharides with globular structure and with molecular weight of from about 5,000 to about 500,000; branched versions of said polysaccharides; derivatised versions of said polysaccharides; substituted versions of said polysaccharides; and mixtures thereof.

95. An article of manufacture comprising the composition of Claim 1 to be applied directly to a garment in a manner such that excessive amounts of the fabric care composition are prevented from being released to the open environment, packaged in association with instructions for use which direct the consumer to apply at least an effective amount of said fabric care polysaccharide with globular structure to said garment in said manner to provide said fabric care benefits.

(Pub C) 96. The article of Claim 95 wherein said composition contains from about 0.01% to about 2% of fabric care polysaccharide with globular structure, by weight of the composition.

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